

Samsø 3.0: Common sense

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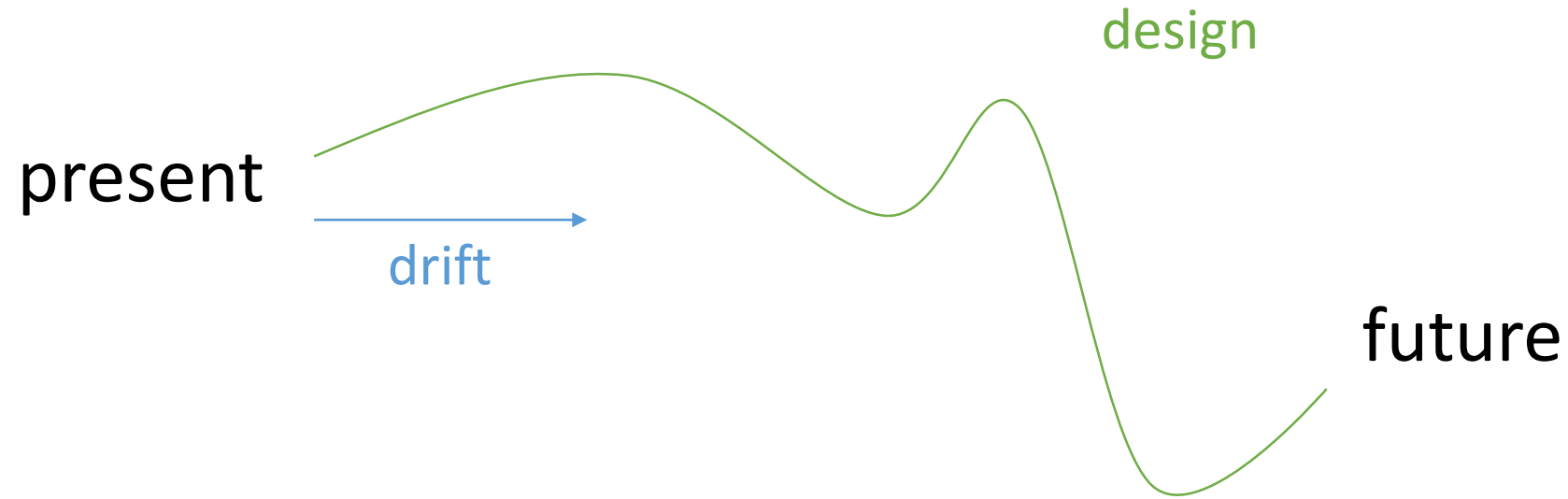
1997



A close-up, profile view of a woman with blonde hair, looking towards the right. She is wearing a small pearl earring. The background is dark and out of focus.

***“Make change
happen by design”***

SOTEU2020



“People often live in the drift of life, unconscious of their drifting. In a sense they are passengers of a boat, and not the captain of the ship.”

Manuel Manga, Institute for Evolutionary Leadership





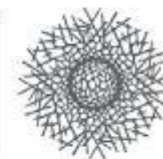
INTRO

HERE — THE SIGNIFICANCE OF PLACE

ENERGY
ACADEMY



**A strong,
sustainable
and robust
community
must share
locality, activity
and mentality!**



SAMSO: THE ENERGY SELF-SUFFICIENT ISLAND

The first island to become completely energy self-sufficient in 10 years?

11 ONSHORE WIND TURBINES

1 turbine generates enough electricity to power **630 houses**.

The turbines transmit electricity to the mainland when more electricity than the island can consume is generated.



OFFSHORE WIND TURBINES

10 103m high offshore wind turbines constructed in 2003 produce more energy than the island uses for transport



11 1MW onshore wind turbines generate 28,000 MWh, that's more electricity than the island's total consumption and the equivalent of 690,000 gallons of oil.

3 x STRAW FIRED PLANTS

-  Tranebjerg
Heats **263** households
-  Ballen / Brundy
Heats **232** households
-  Onsbjerg
Heats **76** households

SAMSO: ISLAND FACTS

Area: 114 km²
Population: 4,000
Investment: DKK 368 million

SOLAR PLANT

One of the heating plants receives heat from **2500 m²** of solar panels. This is combined with a **900 KW** wood chip fired boiler.



EXCESS ENERGY

Excess electricity produced from offshore wind farms is invested in new energy projects.





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There is
a crack
in everything.
That's how
the light
gets in.

- Leonard Cohen



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